

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently amended) An information processing system comprising:

a first physical component having at least a first property ~~represented by a first software object;~~

a second physical component having at least a second property ~~represented by a second software object;~~

a third physical component having at least a third property;

wherein:

the first property includes a plurality of routes,

at least one route of the plurality of routes being provided for altering the second property, and

at least one other route of the plurality of routes being provided for altering the third property, and

an instruction that alters the first property includes an identifier that selectively enables one or more routes of the plurality of routes to thereby enable selectively altering only one of the second property and the third property

~~the first object has at least a first property that is changeable through a first call to the first object;~~

~~the second object has at least a second property that is changeable through a second call to the second object;~~

~~the system enables registering a property route linking the first property to the second property so that a change in the first property causes the second call being issued to the second object upon invoking the property route; and~~

~~the first call to the first object comprise an identifier enabling to conditionally invoke the route.~~

2. (Currently amended) The system of claim 1, wherein:

the instruction alters the first property before selectively enabling the one or more routes, and

~~the first object changes the first property after receiving the first call;
after changing the first property, the first object initiates a look up action for determining if any property route is associated with the change of the first property;
if there are one or more property routes found associated with the first property, the system determines if there is~~

the enabling is based on a match between the identifier and the one or more of the property routes of the plurality of routes found;

~~if there is a match, the matching property route or routes get invoked.~~

3. (Original) The system of claim 1, wherein

the identifier comprises a reference to a scenario of operating the system.

4. (Currently amended) The system of claim 1, wherein

the system enables a software application to register at least one of the plurality of routes property route; and

the identifier comprises a reference to the software application.

5. (Original) The system of claim 4, wherein

the identifier comprises a reference to a scenario of operating the system.

6. (Currently amended) The system of claim 1, wherein

the system enables a software application to register at least one of the plurality of routes property route; and

the at least one of the plurality of routes property route comprises a reference to the software application.

7. (Currently amended) The system of claim 4, wherein

the at least one of the plurality of routes property route registered by the software application is de-registered after running the software application on the system.

8. (Currently amended) A method of enabling to control an information processing system, wherein:

the system comprises:

a first physical component represented by a first software object;

a second physical component represented by a second software object;

the first object has at least a first property that is changeable through
changed upon receipt of a first call to the first object;

the second object has at least a second property that is changeable through
a second call to the second object; and

the method comprises:

enabling to register a property route linking the first property to the second
property so that a change in the first property selectively enables to issue the second call
to the second object if the route is invoked;

enabling the first object to receive the first call with an identifier for
selectively invoking the property route;

enabling to determine if there is such a match a correspondence between
the identifier and the property route registered; and

enabling to invoke the route only if the identifier corresponds to the
property route there is a match,

so that upon receipt of the first call, the first property is changed, but the
second call to the second object is not invoked if the identifier in the first call does not
correspond to the property route.

9. (Currently amended) The method of claim 8, wherein

the first property is changed prior to invoking the route
~~comprising enabling to invoke the matching route after the first property has changed.~~

10. (Newly added) The system of claim 1, wherein

each of the first, second, and third physical components are each represented by corresponding first, second, and third software objects, and
changes to the first, second, and third properties are effected via software calls to the corresponding first, second, and third software objects.

11. (Newly added) A component comprising:

at least one property that includes a plurality of property routes,
each route of the plurality of property routes being associated with an other property at one or more other components for selectively altering the other property, and
a software module that is configured to alter the at least one property and select other properties upon receipt of an instruction that includes an identifier of one or more selected routes of the plurality of property routes,

wherein

upon receipt of the instruction, the component is configured to effect alteration of:
the at least one property, and
each property associated with the one or more selected routes, only.

12. (Newly added). The component of claim 11, wherein

the software module is configured as an object in an Object Oriented Programming embodiment.